

WASHINGTON STATE BUILDING CODE COUNCIL
APPLICATION FOR REVIEW OF A PROPOSED STATEWIDE AMENDMENT
TO THE WASHINGTON STATE BUILDING CODE

1. State Building Code to be Amended.

- | | |
|---|--|
| <input type="checkbox"/> International Building Code | <input type="checkbox"/> Ventilation and Indoor Air Quality Code |
| <input type="checkbox"/> International Residential Code | <input type="checkbox"/> International Mechanical Code |
| <input type="checkbox"/> ICC ANSI A117.1 Accessibility Code | <input type="checkbox"/> International Fuel Gas Code |
| <input type="checkbox"/> International Fire Code | <input type="checkbox"/> NFPA 54 National Fuel Gas Code |
| <input checked="" type="checkbox"/> Uniform Plumbing Code | <input type="checkbox"/> NFPA 58 Liquefied Petroleum Gas Code |
| <input type="checkbox"/> State Energy Code | |

Section New Section, 603.4.23Page 114**2. Applicant:**Bryan Hampson, CBCO, City of Bothell**3. Signed:**
ProponentSenior Plans Examiner 02/16/2010
Title Date

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SBCC

4. Contact Person:Bryan Hampson Senior Plans Examiner

Name

Title

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5. Proposed Code Amendment (Underline all added words, strike through deleted words) Additional pages may be attached.

Code 2009 UPC Section New Section 603.4.23 Page 114

Amend section to read as follows:

Ice makers with a reservoir or float system and a drain line to the waste system shall be equipped with an air gap. Ice makers with a water-cooled condenser shall be equipped with a reduced pressure backflow assembly or air gap.

6. Background information on amendment.

NOTE: State-wide and emergency state-wide amendments to the state building code should be based on one of the following criteria:

- (1) The amendment is needed to address a critical life/safety need.
- (2) The amendment is needed to address a specific state policy or statute.
- (3) The amendment is needed for consistency with state or federal regulations.
- (4) The amendment is needed to address a unique character of the state.
- (5) The amendment corrects errors and omissions.

The amendment is needed to address a critical life/safety need in order to prevent the actual or potential physical connection between a potable water line and non-potable fluid.

An ice maker is considered to be a high degree health hazard because it has the possibility to directly connect to a sewer-connected waste or reffridgerant system.

The amendment is also needed to provide consistency between the Uniform Plumbing Code (UPC), WAC 246-290-490 (2)(b)(i), Manual of Cross-Connection Control published by the University of Southern California, Cross-Connection Control Manual published by the Pacific Northwest Section of the American Water Works Association and King County Health Department.

Each of the previously mentioned manuals or departments specically require an ice maker to be provided with an air gap or reduced pressure backflow assembly, except the UPC. This would provide a consistency between the authority having jurisdiction, water purveyour and heath departments as well as assist the authority having jurisdiction with the enforcement. This is delt with on a regular basis state-wide and in my opionion occurs enough to be included in the specific requirements section of the code.

Economic Impact Worksheet
(Required for statewide amendment requests. Attach supporting documentation.)

Code References: UPC, New Section 603.4.23 Title: Cross-Connection Control for Ice Makers

Proponent: Bryan Hampson, CBCO, City of Bothell Phone: (425) 486-8152 e-mail: bryan.hampson@ci.bothell.wa.us Date: 2/16/2010

Part I ♦ Amendment Benefit:

PROBLEM(S) ADDRESSED: The code does not specifically address ice makers, whereas other manuals and departments do. This would assist the authority having jurisdiction and provide a consistency between them and water purveyors and health Departments.

PRIMARY REASON FOR AMENDMENT: (check one only)

- ☒ Protect public health, safety and welfare ☐ Mandate from legislation or courts
☐ Reduce cost ☐ Code change
☐ "Manage risk" for government ☐ Other _____

TYPE OF BENEFITS PROJECTED: (check all that apply)

- ☒ Saves lives/reduces injuries ☐ Saves energy
☐ Protects/improves long-term health ☐ Protects environment
 Reduces construction cost: ☐ Increases accessibility
☐ Over existing code requirement ☐ Reduces regulation
☐ Canceling new code requirement ☐ Reduces government enforcement cost
☐ Off-setting new code requirement ☒ Clarifies/improves existing code
☐ Increases construction alternatives ☐ Protects property loss/damage
☒ Other Coordinates requirements between AHJ, Heath Dept, and Water Purveyor

Part II ♦ Amendment Impacts:

TYPES OF CONSTRUCTION: ☒ New Construction ☒ Remodeling/Tenant Improvement/Repair

COMPLETE TABLE FOR EACH BUILDING TYPE CHECKED (See reverse for instruction on items ^a through ^e)

√	Building Type	Construction ^a 1st Cost		Enforcement ^b		Owner ^c Ongoing		Other		Supporting data attached
	Residential	C/S ^d	Degree ^e	C/S ^d	Degree ^e	C/S ^d	Degree ^e	C/S ^d	Degree ^e	✓
	Single family	NA	0	NA	0	NA	0	NA	0	
	Multi-family	NA	0	NA	0	NA	0	NA	0	
	Commercial/Retail	NA	0	NA	0	NA	0	NA	0	
	Industrial	NA	0	NA	0	NA	0	NA	0	
	Government/Utilities	NA	0	NA	0	NA	0	NA	0	
	Other:									

OTHER EFFECTS:

Evaluate by number scale 0-3 (0=none, 3=significant)

- 0 Likelihood for litigation
0 Decrease public cooperation
0 Disadvantage small business
 Other _____

Evaluate by letter code

- (Spec, Custom, Factory, Remodel, Manufact., Other, NA)
NA Advantage one industry
NA Disadvantage one industry

Part III ♦ Comments and Recommendations:

Evaluate each by number scale 0-3 (0=none, 3=significant)

- 0 Difficulty to Enforce 0 Cost of not adopting amendment
0 Costs exceed Benefits 0 Degree of TAG controversy
0 C/S Confidence level

Evaluate Yes or No (circle one)

- Y ☒ Were alternative solutions considered
 Y ☒ Recommend further benefit/impact analysis
 Y ☒ Recommend future benefit/impact review